

# NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 10 - SIKESTON COUNTY CAPE GIRARDEAU DESIGNATION US TRAVELWAY 61 CROSS STREET I-55 LOG MILE 285.08000

SHIP TO: DEWAYNE ROBEY 111 EDWARDS ST. SIKESTON, MO 63801

SIGNAL ID 1278

CONTROLLER

TS2 Type 2

SYSTEM MASTER

BRAND SPECIFIC

INTERCONNECT TYPE

FIBER CLOSED LOOP

BACKPANEL

16-POSITION-TS1

☒ D PLUG

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

INDUCTION

VIDEO SYSTEM INTERFACE

NONE

VIDEO SYSTEM TYPE

CABINET TYPE

NEMA/PT STANDARD EV

CABINET DESCRIPTION

EAGLE EPAC M52; PROGRAMMED AS BOTH LOCAL AND MASTER; WILL USE LOOPS FOR COUNTING, SO NEED 32 DETECTORS

PRE-EMPT

PRE-EMPT INFORMATION

## NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	OLA	OLB	OLC	OLD

☐ EXCLUSIVE PED PHASE

## NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
13	14	15	16

# OF STANDARD 2-CHANNEL DETECTOR

8

NEMA

# OF DELAY/EXT 2-CHANNEL DETECTOR

8

## CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	1	2	2	3	3	4	4
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
5	5	6	6	7	7	8	8

DELAY/EXTEND

DET 1  
☒

DET 2  
☒

DET 3  
☒

DET 4  
☒

DET 5  
☒

DET 6  
☒

DET 7  
☒

DET 8  
☒

VIDEO

V DET  
☐

V DET 2  
☐

V DET 3  
☐

V DET 4  
☐

V DET 5  
☐

V DET 6  
☐

V DET 7  
☐

V DET 8  
☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Eagle EPAC M52. Please see information attached.

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Add a New Record

Close File

- Vehicle and Pedestrian Actuation buttons on the inside of the Cabinet Door will be hardwired (Reference Logic Ground) to provide calls to phases 1 through 8 and all Pedestrian inputs.
- Vehicle Detection Rack Channels 1 thru 16 will be hardwired (Reference Logic Ground) to provide vehicle actuation for phases 1 through 8 (Refer to Next Slide for Phase Assignment)
- Vehicle Detection Rack Channels 17 through 32 will provide traffic counts and will be assigned using the EPAC software (Refer to Next Slide for Phase Assignment)
- Masters/locals should be Single-Mode Fiber Optic ready, as well as have an ethernet port.
- 32-channel detector card rack (e.g. 16 detector cards with 4 power supplies; first 8 cards hardwired for detection; the 2<sup>nd</sup> 8 to be programmed for counting by software) see drawing in pdf on attached below.

## VEHICLE DETECTOR RACK PHASE ASSIGNMENT

### Continuous 32 Channel Vehicle Detector Card Rack

	Ø1	Ø1	Ø2	Ø2		Ø3	Ø3	Ø4	Ø4
	Ø5	Ø5	Ø6	Ø6		Ø7	Ø7	Ø8	Ø8
P1	D1	D2	D3	D4	P2	D5	D6	D7	D8

	Count	Count	Count	Count		Count	Count	Count	Count
	Count	Count	Count	Count		Count	Count	Count	Count
P3	D9	D10	D11	D12	P4	D13	D14	D15	D16



# NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 10 - SIKESTON COUNTY CAPE GIRARDEAU DESIGNATION US TRAVELWAY 61 CROSS STREET OLD ORCHARD RD LOG MILE 284.42500

SHIP TO: DEWAYNE ROBEY 111 EDWARDS ST. SIKESTON, MO 63801

SIGNAL ID 3309

CONTROLLER

TS1 TS2/Type 2

SYSTEM MASTER

INTERCONNECT TYPE

FIBER CLOSED LOOP

BACKPANEL

16-POSITION-TS1

☒ D PLUG

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

INDUCTION

VIDEO SYSTEM INTERFACE

NONE

VIDEO SYSTEM TYPE

CABINET TYPE

NEMA/PT STANDARD EV

CABINET DESCRIPTION

EAGLE EPAC M52: WILL USE LOOPS FOR COUNTING, SO NEED 32 DETECTORS

PRE-EMPT

PRE-EMPT INFORMATION

## NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12

☐ EXCLUSIVE PED PHASE

## NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
13	14	15	16

# OF STANDARD 2-CHANNEL DETECTOR 8

NEMA

# OF DELAY/EXT 2-CHANNEL DETECTOR 8

## CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>1</u>	2-CH1 <u>1</u>	3-CH1 <u>2</u>	4-CH1 <u>2</u>	5-CH1 <u>3</u>	6-CH1 <u>3</u>	7-CH1 <u>4</u>	8-CH1 <u>4</u>
1-CH2 <u>5</u>	2-CH2 <u>5</u>	3-CH2 <u>6</u>	4-CH2 <u>6</u>	5-CH2 <u>7</u>	6-CH2 <u>7</u>	7-CH2 <u>8</u>	8-CH2 <u>8</u>

DELAY/EXTEND

DET 1 ☒ DET 2 ☒ DET 3 ☒ DET 4 ☒ DET 5 ☒ DET 6 ☒ DET 7 ☒ DET 8 ☒

VIDEO

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Eagle EPAC M52. Please see information attached.

Go To Next Record



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Add a New Record



Close File



- Vehicle and Pedestrian Actuation buttons on the inside of the Cabinet Door will be hardwired (Reference Logic Ground) to provide calls to phases 1 through 8 and all Pedestrian inputs.
- Vehicle Detection Rack Channels 1 thru 16 will be hardwired (Reference Logic Ground) to provide vehicle actuation for phases 1 through 8 (Refer to Next Slide for Phase Assignment)
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- Masters/locals should be Single-Mode Fiber Optic ready, as well as have an ethernet port.
- 32-channel detector card rack (e.g. 16 detector cards with 4 power supplies; first 8 cards hardwired for detection; the 2<sup>nd</sup> 8 to be programmed for counting by software) see drawing in pdf on attached below.

## VEHICLE DETECTOR RACK PHASE ASSIGNMENT

Continuous 32 Channel Vehicle Detector Card Rack

	Ø1	Ø1	Ø2	Ø2		Ø3	Ø3	Ø4	Ø4
	Ø5	Ø5	Ø6	Ø6		Ø7	Ø7	Ø8	Ø8
P1	D1	D2	D3	D4	P2	D5	D6	D7	D8

	Count	Count	Count	Count		Count	Count	Count	Count
	Count	Count	Count	Count		Count	Count	Count	Count
P3	D9	D10	D11	D12	P4	D13	D14	D15	D16



# NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 10 - SIKESTON COUNTY PERRY DESIGNATION US TRAVELWAY 61 CROSS STREET MO-51 LOG MILE 249.69000

**SHIP TO:**

DEWAYNE ROBEY 111 EDWARDS ST. SIKESTON, MO 63801

SIGNAL ID 4872

**CONTROLLER**

TS1 TS2 Type 2

**SYSTEM MASTER**

BRAND SPECIFIC

**INTERCONNECT TYPE**

FIBER CLOSED LOOP

**BACKPANEL**

16-POSITION-TS1

☒ D PLUG

**CONTROLLER TYPE**

ACTUATED

**DETECTION TYPE**

INDUCTION

**VIDEO SYSTEM INTERFACE**

NONE

**VIDEO SYSTEM TYPE**

**CABINET TYPE**

NEMA/PT STANDARD EV

**CABINET DESCRIPTION**

EAGLE EPAC M52; PROGRAMMED AS BOTH LOCAL AND MASTER; WILL USE LOOPS FOR COUNTING, SO NEED 32 DETECTORS

**PRE-EMPT**

**PRE-EMPT INFORMATION**

**NEMA TS1 LOAD SWITCH ASSIGNMENTS**

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12

☐ EXCLUSIVE PED PHASE

**NEMA TS2 LOAD SWITCH ASSIGNMENTS**

13	14	15	16
13	14	15	16

# OF STANDARD 2-CHANNEL DETECTOR 8

**NEMA**

# OF DELAY/EXT 2-CHANNEL DETECTOR 8

**CARD RACK CONFIGURATION**

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>1</u>	2-CH1 <u>1</u>	3-CH1 <u>2</u>	4-CH1 <u>2</u>	5-CH1 <u>3</u>	6-CH1 <u>3</u>	7-CH1 <u>4</u>	8-CH1 <u>4</u>
1-CH2 <u>5</u>	2-CH2 <u>5</u>	3-CH2 <u>6</u>	4-CH2 <u>6</u>	5-CH2 <u>7</u>	6-CH2 <u>7</u>	7-CH2 <u>8</u>	8-CH2 <u>8</u>

**DELAY/EXTEND**

DET 1 ☒ DET 2 ☒ DET 3 ☒ DET 4 ☒ DET 5 ☒ DET 6 ☒ DET 7 ☒ DET 8 ☒

**VIDEO**

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

**OTHER INFORMATION OR SPECIAL REQUIREMENTS:**

Must be Eagle EPAC M52. Please see information attached.

Go To Next Record



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Add a New Record



Close File



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- Masters/locals should be Single-Mode Fiber Optic ready, as well as have an ethernet port.
- 32-channel detector card rack (e.g. 16 detector cards with 4 power supplies; first 8 cards hardwired for detection; the 2<sup>nd</sup> 8 to be programmed for counting by software) see drawing in pdf on attached below.

## VEHICLE DETECTOR RACK PHASE ASSIGNMENT

Continuous 32 Channel Vehicle Detector Card Rack

	Ø1	Ø1	Ø2	Ø2		Ø3	Ø3	Ø4	Ø4
	Ø5	Ø5	Ø6	Ø6		Ø7	Ø7	Ø8	Ø8
P1	D1	D2	D3	D4	P2	D5	D6	D7	D8

	Count	Count	Count	Count		Count	Count	Count	Count
	Count	Count	Count	Count		Count	Count	Count	Count
P3	D9	D10	D11	D12	P4	D13	D14	D15	D16



# NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 10 - SIKESTON COUNTY CAPE GIRARDEAU DESIGNATION MO TRAVELWAY 51 CROSS STREET RT-T LOG MILE 13.54000

SHIP TO: DEWAYNE ROBEY 111 EDWARDS ST. SIKESTON, MO. 63801

SIGNAL ID 4873

CONTROLLER

TS1 TS2 Type 2

SYSTEM MASTER

INTERCONNECT TYPE

FIBER CLOSED LOOP

BACKPANEL

16-POSITION-TS1

☒ D PLUG

CONTROLLER TYPE

ACTUATED

DETECTION TYPE

INDUCTION

VIDEO SYSTEM INTERFACE

NONE"

VIDEO SYSTEM TYPE

CABINET TYPE

NEMA/PT STANDARD EV

CABINET DESCRIPTION

EAGLE EPAC M52: WILL USE LOOPS FOR COUNTING, SO NEED 32 DETECTORS

PRE-EMPT

PRE-EMPT INFORMATION

## NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12

☐ EXCLUSIVE PED PHASE

## NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
13	14	15	16

# OF STANDARD 2-CHANNEL DETECTOR

8

NEMA

# OF DELAY/EXT 2-CHANNEL DETECTOR

8

## CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>1</u>	2-CH1 <u>1</u>	3-CH1 <u>2</u>	4-CH1 <u>2</u>	5-CH1 <u>3</u>	6-CH1 <u>3</u>	7-CH1 <u>4</u>	8-CH1 <u>4</u>
1-CH2 <u>5</u>	2-CH2 <u>5</u>	3-CH2 <u>6</u>	4-CH2 <u>6</u>	5-CH2 <u>7</u>	6-CH2 <u>7</u>	7-CH2 <u>8</u>	8-CH2 <u>8</u>

DELAY/EXTEND

DET 1

☒

DET 2

☒

DET 3

☒

DET 4

☒

DET 5

☒

DET 6

☒

DET 7

☒

DET 8

☒

VIDEO

V DET

☐

V DET 2

☐

V DET 3

☐

V DET 4

☐

V DET 5

☐

V DET 6

☐

V DET 7

☐

V DET 8

☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Eagle EPAC M52. Please see information attached.

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## VEHICLE DETECTOR RACK PHASE ASSIGNMENT

Continuous 32 Channel Vehicle Detector Card Rack

	Ø1	Ø1	Ø2	Ø2		Ø3	Ø3	Ø4	Ø4
	Ø5	Ø5	Ø6	Ø6		Ø7	Ø7	Ø8	Ø8
P1	D1	D2	D3	D4	P2	D5	D6	D7	D8

	Count	Count	Count	Count		Count	Count	Count	Count
	Count	Count	Count	Count		Count	Count	Count	Count
P3	D9	D10	D11	D12	P4	D13	D14	D15	D16



# NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 10 - SIKESTON COUNTY STODDARD DESIGNATION BU TRAVELWAY 60 CROSS STREET HARRIS ST. LOG MILE 1.38000

**SHIP TO:**

DEWAYNE ROBEY 111 EDWARDS ST. SIKESTON, MO 63801

SIGNAL ID 57

**CONTROLLER**

TS1 TS2/Type 2

**SYSTEM MASTER**

BRAND SPECIFIC

**INTERCONNECT TYPE**

FIBER CLOSED LOOP

**BACKPANEL**

16-POSITION-TS1

☒ D PLUG

**CONTROLLER TYPE**

ACTUATED

**DETECTION TYPE**

INDUCTION

**VIDEO SYSTEM INTERFACE**

NONE

**VIDEO SYSTEM TYPE**

**CABINET TYPE**

NEMA/PT STANDARD EV

**CABINET DESCRIPTION**

EAGLE EPAC M52; PROGRAMMED AS BOTH LOCAL AND MASTER; WILL USE LOOPS FOR COUNTING, SO NEED 32 DETECTORS

**PRE-EMPT**

**PRE-EMPT INFORMATION**

**NEMA TS1 LOAD SWITCH ASSIGNMENTS**

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12

☐ EXCLUSIVE PED PHASE

**NEMA TS2 LOAD SWITCH ASSIGNMENTS**

13	14	15	16
13	14	15	16

# OF STANDARD 2-CHANNEL DETECTOR 8

**NEMA**

# OF DELAY/EXT 2-CHANNEL DETECTOR 8

**CARD RACK CONFIGURATION**

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>1</u>	2-CH1 <u>1</u>	3-CH1 <u>2</u>	4-CH1 <u>2</u>	5-CH1 <u>3</u>	6-CH1 <u>3</u>	7-CH1 <u>4</u>	8-CH1 <u>4</u>
1-CH2 <u>5</u>	2-CH2 <u>5</u>	3-CH2 <u>6</u>	4-CH2 <u>6</u>	5-CH2 <u>7</u>	6-CH2 <u>7</u>	7-CH2 <u>8</u>	8-CH2 <u>8</u>

**DELAY/EXTEND**

DET 1 ☒ DET 2 ☒ DET 3 ☒ DET 4 ☒ DET 5 ☒ DET 6 ☒ DET 7 ☒ DET 8 ☒

**VIDEO**

V DET ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

**OTHER INFORMATION OR SPECIAL REQUIREMENTS:**

Must be Eagle EPAC M52. Please see information attached.

Go To Next Record

Go to Previous Record

Add a New Record

Close File

- Vehicle and Pedestrian Actuation buttons on the inside of the Cabinet Door will be hardwired (Reference Logic Ground) to provide calls to phases 1 through 8 and all Pedestrian inputs.
- Vehicle Detection Rack Channels 1 thru 16 will be hardwired (Reference Logic Ground) to provide vehicle actuation for phases 1 through 8 (Refer to Next Slide for Phase Assignment)
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- Masters/locals should be Single-Mode Fiber Optic ready, as well as have an ethernet port.
- 32-channel detector card rack (e.g. 16 detector cards with 4 power supplies; first 8 cards hardwired for detection; the 2<sup>nd</sup> 8 to be programmed for counting by software) see drawing in pdf on attached below.

## VEHICLE DETECTOR RACK PHASE ASSIGNMENT

Continuous 32 Channel Vehicle Detector Card Rack

	Ø1	Ø1	Ø2	Ø2		Ø3	Ø3	Ø4	Ø4
	Ø5	Ø5	Ø6	Ø6		Ø7	Ø7	Ø8	Ø8
P1	D1	D2	D3	D4	P2	D5	D6	D7	D8

	Count	Count	Count	Count		Count	Count	Count	Count
	Count	Count	Count	Count		Count	Count	Count	Count
P3	D9	D10	D11	D12	P4	D13	D14	D15	D16



# NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT: 6--ST. LOUIS COUNTY: ST. CHARLES DESIGNATION: OR TRAVELWAY: 70 CROSS STREET: W/ Clay/Zumbert (NOR) LOG MILE: 5.060001

SHIP TO: NEIL SCHLICHTING 2309 A BARRETT STATION ROAD BALLWIN, MO 63021

SIGNAL ID: 449

CONTROLLER:

TS2/Type2

CONTROLLER TYPE:

ACTUATED

SYSTEM MASTER:

NEMA SYSTEM MASTER

DETECTION TYPE:

INTERCONNECT TYPE:

SERIAL CLOSED LOOP

VIDEO SYSTEM INTERFACE:

BACKPANEL:

2-POSITION TS1

VIDEO SYSTEM TYPE:

☒ DPLUG

CABINET TYPE:

CABINET DESCRIPTION:

PRE-EMPT:

PRE-EMPT INFORMATION:

## NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1-SB	2-NB	3-WB	4-EB								

☐ EXCLUSIVE PED PHASE

## NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

# OF STANDARD 2-CHANNEL DETECTOR

0

NEMA

# OF DELAY/EXT 2-CHANNEL DETECTOR

0

## CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
0	0	0	0	0	0	0	0
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
0	0	0	0	0	0	0	0

DELAY/EXTEND

DET 1

DET 2

DET 3

DET 4

DET 5

DET 6

DET 7

DET 8

VIDEO

V DET

V DET 2

V DET 3

V DET 4

V DET 5

V DET 6

V DET 7

V DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS

FSK Modem, System Master Location, Split phase all around, No detection, Must be compatible with existing Eagle closed loop system

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Add a New Record

Close File

# NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT: 6 - ST. LOUIS COUNTY: ST. CHARLES DESIGNATION: OR TRAVELWAY: 70 CROSS STREET: Veterans Mem./Zumbert (SO) LOG MILE: 5.02000

SHIP TO: NEIL SCHLICHTING 2309 A BARRETT STATION ROAD BALLWIN, MO 63021

SIGNAL ID: 451

CONTROLLER:

TS2/Type2

SYSTEM MASTER:

INTERCONNECT TYPE:

SERIAL CLOSED LOOP

BACKPANEL:

2 POSITION TS

☒ D PLUG

CONTROLLER TYPE:

ACTUATED

DETECTION TYPE:

INDUCTION

VIDEO SYSTEM INTERFACE:

VIDEO SYSTEM TYPE:

CABINET TYPE:

NEMA/PT STANDARD EV

CABINET DESCRIPTION:

Current cabinet is 170, base will need widening

PRE-EMPT:

PRE-EMPT INFORMATION:

## NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
<u>1-SBL</u>	<u>2-NB</u>	<u>3-WB</u>	<u>4-EB</u>	<u>5-NBL</u>	<u>6-SB</u>						

☐ EXCLUSIVE PED PHASE

## NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

# OF STANDARD 2-CHANNEL DETECTOR

5

NEMA

# OF DELAY/EXT 2-CHANNEL DETECTOR

0

## CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>6</u>	2-CH1 <u>6</u>	3-CH1 <u>0</u>	4-CH1 <u>3</u>	5-CH1 <u>4</u>	6-CH1 <u>0</u>	7-CH1 <u>0</u>	8-CH1 <u>0</u>
1-CH2 <u>5</u>	2-CH2 <u>2</u>	3-CH2 <u>2</u>	4-CH2 <u>0</u>	5-CH2 <u>3</u>	6-CH2 <u>4</u>	7-CH2 <u>0</u>	8-CH2 <u>0</u>

DELAY/EXTEND

DET 1 ☐ DET 2 ☐ DET 3 ☐ DET 4 ☐ DET 5 ☐ DET 6 ☐ DET 7 ☐ DET 8 ☐

VIDEO

V DET 1 ☐ V DET 2 ☐ V DET 3 ☐ V DET 4 ☐ V DET 5 ☐ V DET 6 ☐ V DET 7 ☐ V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be compatible with existing Eagle closed loop system

Go To Next Record

Go to Previous Record

Add a New Record

Close File

# NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT: 6--ST. LOUIS COUNTY: ST. CHARLES DESIGNATION: RP TRAVELWAY: 70 CROSS STREET: South End/Zumbuhl LOG MILE: 226.95000

SHIP TO: NEIL SCHLICHTING 2309 A BARRETT STATION ROAD BALLWIN, MO 63021

SIGNAL ID: 452

CONTROLLER:

TS2/Type2

SYSTEM MASTER:

INTERCONNECT TYPE:

SERIAL CLOSED LOOP

BACKPANEL:

12 POSITION TS1

☒ D PLUG

CONTROLLER TYPE:

ACTUATED

DETECTION TYPE:

INDUCTION

VIDEO SYSTEM INTERFACE:

VIDEO SYSTEM TYPE:

CABINET TYPE:

NEMA/PT STANDARD EV

CABINET DESCRIPTION:

Current cabinet is 170" base will need widening

PRE-EMPT:

PRE-EMPT INFORMATION:

## NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1-SBL	2-NB		4-EB		6-SB						

☐ EXCLUSIVE PED PHASE

## NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

# OF STANDARD 2-CHANNEL DETECTOR: 0

NEMA

# OF DELAY/EXT 2-CHANNEL DETECTOR: 0

## CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 0	2-CH1 0	3-CH1 0	4-CH1 0	5-CH1 0	6-CH1 0	7-CH1 0	8-CH1 0
1-CH2 0	2-CH2 0	3-CH2 0	4-CH2 0	5-CH2 0	6-CH2 0	7-CH2 0	8-CH2 0

DELAY/EXTEND

DET 1 DET 2 DET 3 DET 4 DET 5 DET 6 DET 7 DET 8

VIDEO

V-DET 1 V-DET 2 V-DET 3 V-DET 4 V-DET 5 V-DET 6 V-DET 7 V-DET 8

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be compatible with existing Eagle closed loop system

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Go to Previous Record

Add a New Record

Close File

# NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT **6 - ST. LOUIS** COUNTY **ST. CHARLES** DESIGNATION **RP** TRAVELWAY **70** CROSS STREET **North End/Zumbachl** LOG MILE **226.95000**

SHIP TO: **NEIL SCHLICHTING** **2309 A BARRETT STATION ROAD** **BALLWIN, MO** **63021**

SIGNAL ID **453**

CONTROLLER **TS2/Type2**

SYSTEM MASTER

INTERCONNECT TYPE **SERIAL CLOSED LOOP**

BACKPANEL **12 POSITION TS1**

☒ D BUG

CONTROLLER TYPE **ACTUATED**

DETECTION TYPE **INDUCTION**

VIDEO SYSTEM INTERFACE

VIDEO SYSTEM TYPE

CABINET TYPE **NEMA/PT STANDARD EV**

CABINET DESCRIPTION **Current cabinet is 170; base will need widening**

PRE-EMPT

PRE-EMPT INFORMATION

## NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
	2-NB		4-WB	5-NBL	6-SB						

☐ EXCLUSIVE PED PHASE

## NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

# OF STANDARD 2-CHANNEL DETECTOR **2**

NEMA

# OF DELAY/EXT 2-CHANNEL DETECTOR **0**

## CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <b>0</b>	2-CH1 <b>0</b>	3-CH1 <b>0</b>	4-CH1 <b>0</b>	5-CH1 <b>0</b>	6-CH1 <b>0</b>	7-CH1 <b>0</b>	8-CH1 <b>0</b>
1-CH2 <b>0</b>	2-CH2 <b>0</b>	3-CH2 <b>0</b>	4-CH2 <b>0</b>	5-CH2 <b>0</b>	6-CH2 <b>0</b>	7-CH2 <b>4</b>	8-CH2 <b>4</b>

DELAY/EXTEND

DET-1 ☐ DET-2 ☐ DET-3 ☐ DET-4 ☐ DET-5 ☐ DET-6 ☐ DET-7 ☐ DET-8 ☐

VIDEO

V-DET-1 ☐ V-DET-2 ☐ V-DET-3 ☐ V-DET-4 ☐ V-DET-5 ☐ V-DET-6 ☐ V-DET-7 ☐ V-DET-8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be compatible with existing Eagle closed loop system

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# NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 6 - ST. LOUIS COUNTY ST. LOUIS DESIGNATION MO TRAVELWAY 340 CROSS STREET Ladue LOG MILE 6.36000

SHIP TO NEIL SCHLICHTING 2309 A BARRETT STATION ROAD BALLWIN, MO 63021

SIGNAL ID 1266

CONTROLLER TS2/Type2

SYSTEM MASTER

INTERCONNECT TYPE FIBER CLOSED LOOP

BACKPANEL 12 POSITION TS1

☐ D-PLUG

CONTROLLER TYPE ACTUATED

DETECTION TYPE VIDEO W/CARD RACK

VIDEO SYSTEM INTERFACE SDLC PORT

VIDEO SYSTEM TYPE Items

CABINET TYPE NEMA/PT-STANDARD EV

CABINET DESCRIPTION

PRE-EMPT FIRE STATION PRE-EMPT

PRE-EMPT INFORMATION

## NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1-EBLT	2-WB		4-SB	5-WBLT	EB		8-NB	2-Ped		6-Ped	8-Ped

☐ EXCLUSIVE PED PHASE

## NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

# OF STANDARD 2-CHANNEL DETECTOR 0

# OF DELAY/EXT 2-CHANNEL DETECTOR 0

## CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1 <u>0</u>	2-CH1 <u>0</u>	3-CH1 <u>0</u>	4-CH1 <u>0</u>	5-CH1 <u>0</u>	6-CH1 <u>0</u>	7-CH1 <u>0</u>	8-CH1 <u>0</u>
1-CH2 <u>0</u>	2-CH2 <u>0</u>	3-CH2 <u>0</u>	4-CH2 <u>0</u>	5-CH2 <u>0</u>	6-CH2 <u>0</u>	7-CH2 <u>0</u>	8-CH2 <u>0</u>

DELAY/EXTEND

DET 1 ☐ DET 2 ☐ DET 3 ☐ DET 4 ☐ DET 5 ☐ DET 6 ☐ DET 7 ☐ DET 8 ☐

VIDEO

V-DET 1 ☐ V-DET 2 ☐ V-DET 3 ☐ V-DET 4 ☐ V-DET 5 ☐ V-DET 6 ☐ V-DET 7 ☐ V-DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

MO 340 5-section perm/prot. Must be compatible with existing Eagle closed loop system.

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# NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT 6 - ST. LOUIS COUNTY ST. LOUIS DESIGNATION MO TRAVELWAY 340 CROSS STREET Appalachian Trails LOG MILE 5.66000

SHIP TO: NEIL SCHLICHTING 2309 A BARRETT STATION ROAD BALLWIN, MO 63021

SIGNAL ID 5832

CONTROLLER

TS2/Type2

SYSTEM MASTER

INTERCONNECT TYPE

FIBER CLOSED LOOP

BACK PANEL

12 POSITION TSI

☐ D PLUG

CONTROLLER TYPE

AUTUATED

DETECTION TYPE

INDUCTION

VIDEO SYSTEM INTERFACE

VIDEO SYSTEM TYPE

CABINET TYPE

NEMA/PT STANDARD EV

CABINET DESCRIPTION

PRE-EMPT

PRE-EMPT INFORMATION

## NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1-EBLT	2-WB	3-NBL	4-SB	5-WBLT	6-EB	7-SBLT	8-NB	9-Ped	10-Ped	11-Ped	12-Ped

☐ EXCLUSIVE RED PHASE

## NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

# OF STANDARD 2-CHANNEL DETECTOR 5

NEMA

# OF DELAY/EXT 2-CHANNEL DETECTOR 0

## CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
<u>6</u>	<u>6</u>	<u>6</u>	<u>3</u>	<u>8</u>	<u>0</u>	<u>0</u>	<u>0</u>
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
<u>5</u>	<u>2</u>	<u>2</u>	<u>7</u>	<u>4</u>	<u>0</u>	<u>0</u>	<u>0</u>

DELAY/EXTEND

DET 1

DET 2

DET 3

DET 4

DET 5

DET 6

DET 7

DET 8

V-DET

V-DET 2

V-DET 3

V-DET 4

V-DET 5

V-DET 6

V-DET 7

V-DET 8

VIDEO

OTHER INFORMATION OR SPECIAL REQUIREMENTS

Perm/Prot lefts all directions. Must be compatible with existing Eagle closed loop system.

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